

REMARKS

Applicants provide the present amendment in conjunction with the concurrently filed Request for Continued Examination and respectfully request entry of the present amendment prior to further examination. Applicants appreciate the continued indication that Claims 11, 13-14, 18, and 20-21, include patentable subject matter and would be allowable if rewritten as suggested by the Examiner. Applicants have provided below some brief remarks regarding suggestions made by the Examiner in the very detailed Final Official Action mailed December 15, 2005.

With regard to the rejections of Claims 1-7 and 22-28 under 35 U.S.C. § 112, second paragraph, Applicants have amended the claims to replace the recitation of "proximate" with "surrounding." Applicants submit that the term "surrounding" is sufficient so that one of ordinary skill in the art would be reasonably apprised of the scope of the invention.

Applicants have also amended a number of the claims to further clarify that the interpolated pixel value is provided to a display to provide a scaled-up image thereon (as compared to the originally formatted input pixel data), thereby further clarifying that embodiments according to the invention focus on scaling images for display (which was previously recited only in the preamble of the claims).

Applicants have also amended the independent claims to address the issues raised by the Examiner regarding the calculation of pixel data values at points on a line that intersect horizontal or vertical lines of the display are not included in the originally formatted input pixel data.

With regard to the rejection of Claims 1, 4, and 15 under 35 U.S.C. § 112, first paragraph, Applicants have elected not to amend the method claims to include the recitation of "computer-implemented" as suggested by the Examiner. Applicants respectfully submit that although the method claims could be computer-implemented, it is also within the scope of the present invention that the methods recited therein could be implemented in hardware, as described in Applicants' disclosure at page 7, lines 18-20: "Accordingly, the invention may take the form of an entirely hardware embodiment, an entirely software embodiment or an embodiment combining software and hardware

aspects." Accordingly, Applicants respectfully submit that there is support for method claims that are not necessarily computer-implemented.

Applicants respectfully request entry of the present amendment to the claims and further examination thereon in due course. If the Examiner believes that a teleconference would be beneficial in identifying patentable subject matter, the Examiner is sincerely invited to contact the undersigned by telephone at the earliest convenience.

Respectfully submitted,

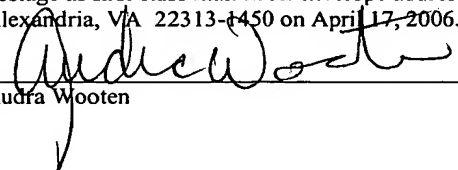


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